

Converting Colors

YUV(112.1010, 20.1632,
-27.2756)

Have a look what the booklet for
YUV(112.1010, 20.1632, -27.2756)
contains.

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Color

**YUV(112.1010, 20.1632,
-27.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	517899
RGB	81, 120, 153
RGB Percent	32%, 47%, 60%
CMY	0.6824, 0.5294, 0.4000
CMYK	0.47, 0.22, 0.00, 0.40
HSL	207°, 31%, 46%
HSV	207°, 47%, 60%
XYZ	15.8596, 17.4822, 32.6755
YIQ	112.1010, -33.8370, 1.9950

Conversions

Conversions Part 2

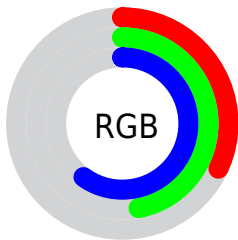
Format	Color
R_{YB}	81, 106, 153
Decimal	5339289
CIE _{Lab}	48.86, -4.31, -22.07
CIE _{LCh}	49, 22.487, 258.950
Yxy	17.4822, 0.2402, 0.2648
Android (android.graphics.Color)	4283529369 (0xFF517899)
YUV	112.1010, 20.1632, -27.2756
Hunter-Lab	41.8117, -5.4637, -17.0665

Details

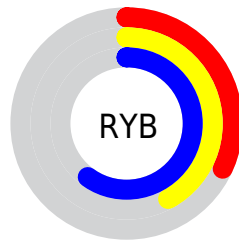
The YUV color **112.1010, 20.1632, -27.2756** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.8990, -20.1632, 27.2756**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6280, 20.8894, -26.8608**, and **61.9650, 19.7373, -30.6643** is the 20% darker color. If you saturate the color by 10%, you get **103.5070, 24.4000, -32.8936**, and if you desaturate by 10%, it is **120.6950, 15.9264, -21.6575**.

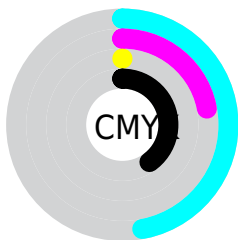
Distribution



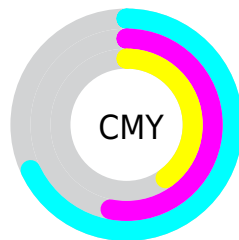
- Red (32%)
- Green (47%)
- Blue (60%)



- Red (32%)
- Yellow (42%)
- Blue (60%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (40%)



- Cyan (68%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1010, 20.1632, -27.2756 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 112.1010, 20.1632, -27.2756 by changing the saturation by 10% instead.

■ 112.1010, 20.1632,
-27.2756

■ 112.1010, 20.1632,
-27.2756

■ 255.0000, 0.0000,
0.0000

■ 86.6880, 19.8738,
-27.7904

■ 164.6280, 20.8894,
-26.8608

■ 61.9650, 19.7373,
-30.6643

■ 191.8560, 21.7630,
-27.0607

■ 37.6550, 19.8901,
-33.0234

■ 218.8300, 17.8318,
-26.1609

■ 23.2930, 15.6316,
-20.4280

■ 243.6380, 5.6015,
-23.3615

■ 5.0500, 14.2723,
-4.4289

■ 252.3090, 1.3267,
-5.5330

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 112.1010, 20.1632,
-27.2756

■ 112.1010, 20.1632,
-27.2756

■ 103.5070, 24.4000,
-32.8936

■ 120.6950, 15.9264,
-21.6575

■ 94.6140, 28.7843,
-39.1265

■ 129.5880, 11.5421,
-15.4247

■ 86.0200, 33.0211,
-44.7445

■ 138.1820, 7.3053,
-9.8066

■ 77.4260, 37.2580,
-50.3626

■ 146.7760, 3.0684,
-4.1886

■ 68.8320, 41.4948,
-55.9807

■ 155.6690, -1.3158,
2.0443

■ 66.1630, 42.8106,
-58.0250

■ 164.2630, -5.5527,
7.6623

■ 172.8570, -9.7895,
13.2804

■ 181.4510,
-14.0263, 18.8985

■ 190.3440,
-18.4106, 25.1313

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



106.8450, 18.3174, -41.9601



112.1010, 20.1632, -27.2756



116.8370, 17.3354, -6.8730

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



112.1010, 20.1632, -27.2756



117.8900, -6.3548, 31.6685



110.9800, -9.8501, -14.0145

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



112.1010, 20.1632, -27.2756



121.8990, -20.1632, 27.2756

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.9560, -16.7403, 2.6696



112.1010, 20.1632, -27.2756



116.8050, -14.2009, 28.2350

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



112.1010, 20.1632, -27.2756



119.1480, 2.3920, 26.1802



115.4140, -17.9521, 18.0539



108.4000, -0.1972, -30.1688

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



112.1010, 20.1632, -27.2756



118.3010, 13.6556, 6.7520



115.4140, -17.9521, 18.0539



112.2150, -12.9240, -8.0816

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



112.1010, 20.1632, -27.2756



182.9970, 7.8895, -10.5214



126.9120, -6.8586, -40.2648



90.1070, 4.3842, -6.2328



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



112.1010, 20.1632, -27.2756



135.8740, 31.1211, -41.9855



91.5560, 30.2919, -9.2576



72.2600, 2.3368, -2.8590



60.5720, 39.1580, -53.1216



5.5910, 3.6526, -4.9033

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



106.9740, 6.4218, 40.3648



128.0290, 9.8457, 62.2416



142.4440, -30.2919, 9.2576



71.8480, 0.5679, 4.5183



50.5240, 12.5597, 78.4705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 112.1010, 20.1632, -27.2756 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.1010, 20.1632, -27.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

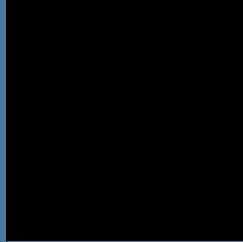
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

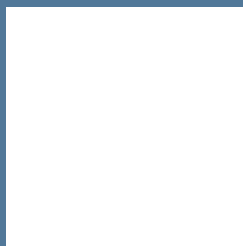
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.1010, 20.1632, -27.2756

Background



This preview shows how black text looks on a background with the YUV color 112.1010, 20.1632, -27.2756.

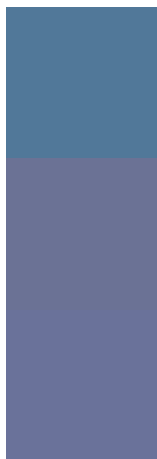


This preview shows how white text looks on a background with the YUV color 112.1010, 20.1632, -27.2756.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

112.1010, 20.1632, -27.2756

Protanopia

115.8970, 16.3198, -7.8027

Deuteranopia

116.1680, 18.6512, -8.9173



Tritanopia

109.7880, 11.4435, -30.5091

Trichromacy



Original Color

112.1010, 20.1632, -27.2756

Protanomaly

114.4940, 17.5045, -14.4652

Deuteranomaly

114.6510, 19.3991, -15.4799

Tritanomaly

110.5970, 14.4957, -29.4646

Monochromacy



Original Color

112.1010, 20.1632, -27.2756

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1820, 7.3053, -9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1010, 20.1632, -27.2756 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(81, 120, 153)` looks like.

```
.text, #text, p{  
    color:rgb(81, 120, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(81, 120, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 120, 153) }
```

Border

The CSS property to change the border of an element to YUV 112.1010, 20.1632, -27.2756 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 120, 153) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(81, 120, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(81, 120, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 120, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 120, 153);  
box-shadow:4px 4px 4px 4px rgb(81, 120,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 112.1010, 20.1632, -27.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 120, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(81, 120,  
153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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